ET 6, 9, AND 14
QUICK PROGRAMMING GUIDE

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ET 6, 9, and 14
Keyboard Guide
October 20th, 2005

Keys:

More: Increase Value or select ON.
Less: Decease Value or select OFF.
Next: Next item to change.
Previous: Previous item to change.

Dial: Rotate the dial to select the item to view or modify.

Secondary functions of the keys:

More (Test):
Pressing the **More** key, from the main screen, causes the controller to enter the 2 minute test mode.

Press the **More** key to cycle through the following test options.
2 Min Test Run each station for two minutes.
Auto Run All Run all programs (A, B, C, and D).
Auto Run Prog A Run program A.
Auto Run Prog B Run program B.
Auto Run Prog C Run program C.
Auto Run Prog D Run program D.

Press the **Next** key to start the selected test.
Press the **Previous** or **Next** keys to go to the previous or next station.
To stop the test turn the **Dial** to *Off* and back to *Run*.

Less (Rain):
Pressing the **Less** key, from the main screen, causes the controller to enter the *Rain Delay* screen.

Press the **More** key to increase the number of days to delay watering. The delay can be set from 1 to 5 days.
Press the **Less** key to decrease the number of days. Zero, 0, days turns the rain delay off and resumes normal watering.
Press the **Next** key to enter the changes and return to the main screen.

For more information please refer to your User's Guide.

ET6, 9 and 14
Run Mode Displays
October, 20th 2005

Normal Display:

Display shows Time, Date, and Temperature.

Rain Delay Display:

Display shows Time, Date, and D1.
Unit will not water.
Manual mode, 2 minute test, will not turn on sprinklers.
See **Less (Rain)** key to clear.

Station ON Display:

Display shows which station is running, the amount of time the station has been on, and the total amount of time the station will run.

ET 6, 9 and 14
Quick Programming Guide
October 21, 2005

Keys:

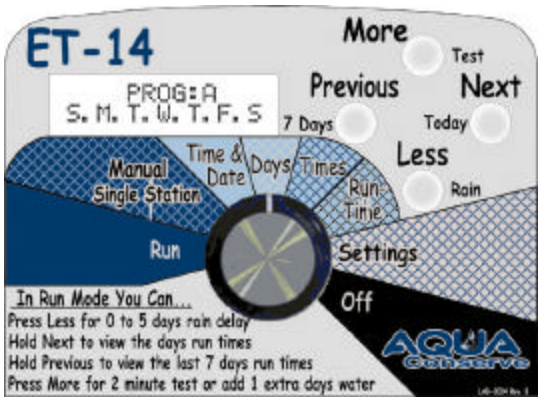
More: Increase Value or select ON.
Less: Decrease Value or select OFF.
Next: Next item to change.
Previous: Previous item to change.

Dial: Rotate dial to select the item to view or modify.

Time and Date:

Turn the **Dial** to the position labeled *Time & Date*.

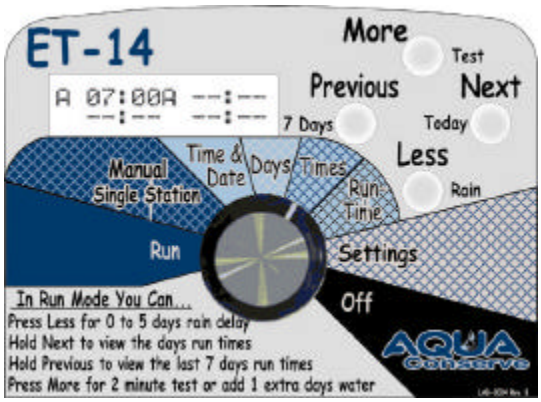
Use the **More** or **Less** keys to select the correct month.
Press the **Next** key to select the date.
Use the **More** or **Less** keys to select the correct date.
Press the **Next** key to select the year.
Press the **More** or **Less** keys to select the correct year.
Press the **Next** key to select the hour.
Use the **More** or **Less** keys to select the correct hour.
Press the **Next** key to select the minutes.
Press the **More** or **Less** keys to select the correct minutes.



Set Watering Days:

Turn the **Dial** to the position labeled *Days*.

Use the **More** or **Less** keys to select the Program to enter the watering days.
Press the **Next** key to select the watering days options.
Use the **More** or **Less** keys to select the option.
Options are
OFF Program does not water.
Odd Days Program waters on odd days of the year.
Even Days Program waters on even days of the year.
Select Days Select which days of the week to water.
Skip # Days



Set Watering Start Time:

Turn the **Dial** to the position labeled *Times*.

Use the **More** or **Less** keys to select the Program to enter the start times.

Press the **Next** key to select the first start time's hour.
Use the **More** or **Less** keys to select the start hour.
Press the **Next** key to select the first start time's minutes.
Press the **More** or **Less** keys to select the start minutes.
Repeat the above steps for the 2nd through 4th start times. Repeat for the other Programs

Set Station Run Times:

Turn the **Dial** to the position labeled *Run Time*:

Use the **More** or **Less** keys to select the station to program.
Press the **Next** key to set the station's *Program A* run time.
Use the **More** or **Less** keys to set the ***Summer Run Time*** in minutes.
Press the **Next** key to set the station's *Program B* run time.
Repeat the above steps for all of the run times and stations.

Settings:

Turn **Dial** to the position labeled *Settings*.

Use the **More** or **Less** keys to select the correct *Regi*on. Refer to the User Manual for the correct region number.
Press the **Next** key to select the *Lock*.
Press the **More** key to turn the *Lock* ON. Press the **Less** key to turn the *Lock* OFF.
Press the **Next** key to select *Accum*ulation.
Press the **More** key to turn *Accum*ulation ON.
Press the **Less** key to turn *Accum*ulation OFF.
Press the **Next** key to select the *W*ater *R*eduction percentage.
Use the **More** or **Less** keys to select the desired *W*ater *R*eduction percentage.

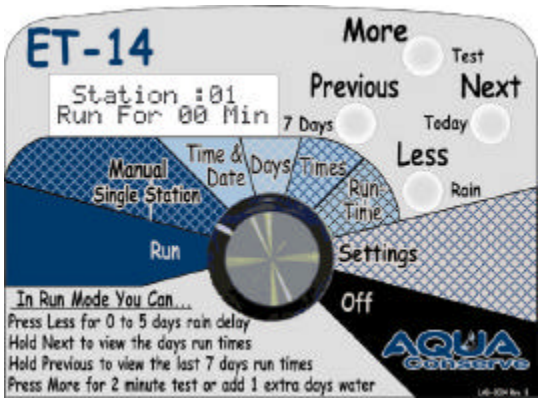
This completes the basic programming of the controller.

2 Minute Test:

From the *Run* screen press the **More (Test)** key.

Press the **More** key to cycle through the following test options.
2 Min Test Run each station for two minutes.
Auto Run All Run all programs (A, B, C, and D).
Auto Run Prog A Run program A.
Auto Run Prog B Run program B.
Auto Run Prog C Run program C.
Auto Run Prog D Run program D.

Press the **Next** key to run the selected test.
Turn the **Dial** to *Off* and then back to *Run* to quit the test.



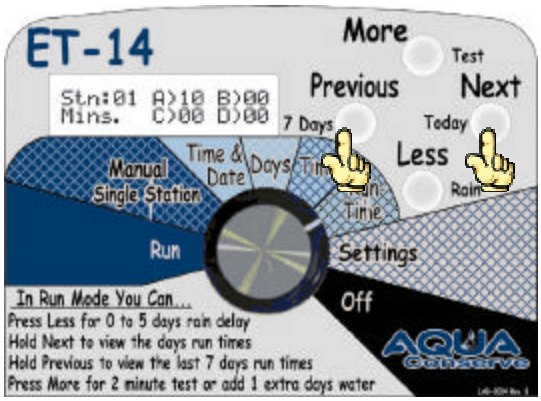
Manual Mode:

Turn the **Dial** to the position labeled *Manual Single Station*.

Use the **More** or **Less** key to select the station.
Press the **Next** key to select the minutes.
Use the **More** or **Less** keys to select the number of minutes to run the selected station.
Turn the **Dial** to the position labeled *Run* to run the station for the selected number of minutes.

Turn the **Dial** to *Off* and then back to *Run* to quit the manual cycle.

For more information please refer to your User's Guide.



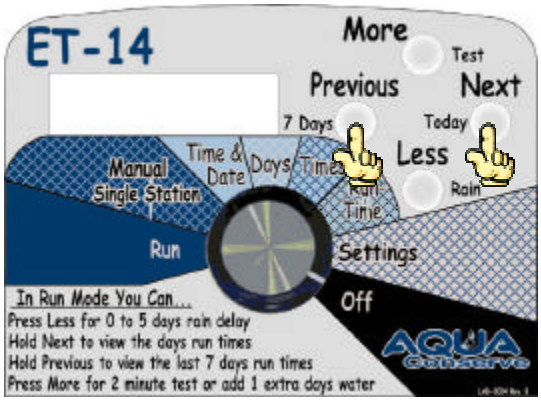
Establishment:

Turn the **Dial** to the position labeled *Run Times*.

Simultaneously press the **Previous** and **Next** keys. The display will change to show the Establishment options.

Use the **More** or **Less** keys to select the station.
Press the **Next** key to select the percentage to increase the run time for the selected station.
Use the **More** or **Less** keys to enter the percentage of run time increase.
Press the **Next** key to select the number of days to run the Establishment feature.
Use the **More** or **Less** keys to enter the number of days to run the establishment feature.
Repeat the above step to add the establishment feature to other stations.

Turn the **Dial** to exit the establishment screen.

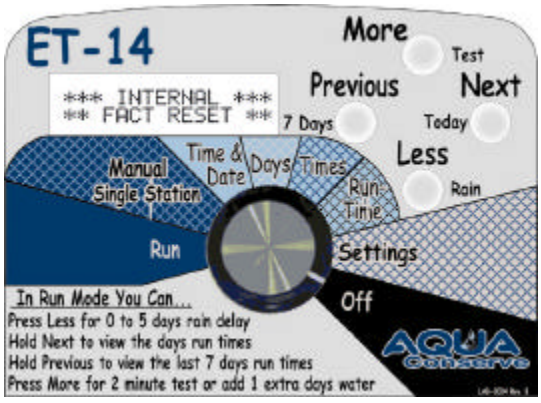


Resetting the Controller:

Important: The reset will clear all programming and settings.

Disconnect the battery from the controller.
Disconnect the AC power from the controller.

Simultaneously press the **Previous** and **Next** keys. While pressing the keys apply power to the unit.



The display will show
*** INTERNAL ***
** FACT RESET **

and then

*** INTERNAL ***
** HIST RESET **

The unit is now reset.

*Accum*ulation Explanation:

The *Accum*ulation feature, shown in the *Settings* display, is used to prevent short irrigation run times. In the winter and at other times that the ET value is low the controller may calculate a runtime that is very short. If the *Accum*ulation feature is ON, the controller will save the short run times and wait unit it has accumulated enough run time to turn the irrigation valve on for at least 50% of the programmed minutes. The controller will skip days until it has accumulated enough minutes to turn on the irrigation valve.

Troubleshooting Guide

Problem	Causes	Solutions
Display is blank. **Display shows "Fuse/Power Fault"**	Blown fuse. No power to controller.	Replace fuse. Check outlet / breaker. Check transformer / wiring.
Display shows "Fuse/Power Fault" **"Check Station"**	Irrigation Valve defective. Short in valve wiring. More then two valves connected.	Check irrigation valve. Check wiring. Reduce number of valves connected to station.
Did not Irrigate	Day is not programmed. Rain Delay (display has D1). Controller skipping days.	Check programming. A rain delay is in process. In the winter or on cooler days the unit will skip days.
Ran less then programmed minutes. **Ran more then programmed minutes**	Normal operation	The controller will adjust the number of minutes based on historical data and the present weather conditions.